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Mauna Loa Solar Observatory Observer's Log  
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Fri Jan 22 17:17:08 GMT 2010

Year: 10 Doy: 022

Observer: berkey

WEATHER COMMENT: Fri Jan 22 17:30:05 GMT 2010

clear skies, temp 42F in dome, wind 10 mph from the SW

\_\_\_\_end\_\_\_\_

Fri Jan 22 17:31:13 GMT 2010 CHIP Start Patrol  
Fri Jan 22 17:31:29 GMT 2010 PICS Start Patrol  
Fri Jan 22 17:55:44 GMT 2010 MKIV Start Patrol  
Fri Jan 22 18:01:57 GMT 2010 CHIP LSD  
Fri Jan 22 18:01:58 GMT 2010 PICS Flat  
Fri Jan 22 18:03:26 GMT 2010 CHIP End LSD  
Fri Jan 22 18:03:35 GMT 2010 CHIP BiasLSD  
Fri Jan 22 18:04:21 GMT 2010 CHIP End BiasLSD  
Fri Jan 22 18:04:23 GMT 2010 PICS End Flat  
Fri Jan 22 18:04:32 GMT 2010 CHIP Bias  
Fri Jan 22 18:04:38 GMT 2010 PICS ReStart Patrol  
Fri Jan 22 18:05:24 GMT 2010 CHIP End Bias  
Fri Jan 22 18:05:34 GMT 2010 CHIP ReStart Patrol  
Fri Jan 22 18:43:23 GMT 2010 MKIV End Patrol  
Fri Jan 22 18:43:33 GMT 2010 MKIV Start Cal  
Fri Jan 22 19:02:24 GMT 2010 MKIV End Cal  
Fri Jan 22 19:02:30 GMT 2010 MKIV Start Patrol  
Fri Jan 22 23:02:39 GMT 2010 CHIP LSD  
Fri Jan 22 23:04:09 GMT 2010 CHIP End LSD  
Fri Jan 22 23:04:19 GMT 2010 CHIP BiasLSD  
Fri Jan 22 23:04:56 GMT 2010 CHIP End BiasLSD  
Fri Jan 22 23:05:04 GMT 2010 CHIP Bias  
Fri Jan 22 23:05:35 GMT 2010 CHIP End Bias  
Fri Jan 22 23:05:42 GMT 2010 CHIP ReStart Patrol

\*\*PSPT PROBLEM\*\* Fri Jan 22 23:31:59 GMT 2010

We found a tiny slow leak in the heat exchanger copper tubing, the leak is not a problem so we'll work on it more another day. It looks like it is at a "T" on the lower left area as you look at the plumbing up at the camera head with the 4-screw cover plate removed. This is the cause of the leak noted a few days ago.

\_\_\_\_end\_\_\_\_

Fri Jan 22 23:55:34 GMT 2010 CHIP End Patrol  
Fri Jan 22 23:56:01 GMT 2010 PICS End Patrol  
Fri Jan 22 23:58:21 GMT 2010 MKIV End Patrol  
Sat Jan 23 00:11:27 GMT 2010

MkIV

17\_55.rawmk4 19\_17.rawmk4 20\_27.rawmk4 21\_42.rawmk4 22\_52.rawmk4  
17\_58.rawmk4 19\_20.rawmk4 20\_30.rawmk4 21\_44.rawmk4 22\_55.rawmk4

18_01.rawmk4	19_23.rawmk4	20_33.rawmk4	21_47.rawmk4	22_58.rawmk4
18_04.rawmk4	19_26.rawmk4	20_36.rawmk4	21_50.rawmk4	23_04.rawmk4
18_07.rawmk4	19_29.rawmk4	20_39.rawmk4	21_53.rawmk4	23_08.rawmk4
18_10.rawmk4	19_31.rawmk4	20_42.rawmk4	21_56.rawmk4	23_11.rawmk4
18_13.rawmk4	19_34.rawmk4	20_45.rawmk4	21_59.rawmk4	23_14.rawmk4
18_16.rawmk4	19_37.rawmk4	20_48.rawmk4	22_02.rawmk4	23_16.rawmk4
18_19.rawmk4	19_40.rawmk4	20_51.rawmk4	22_05.rawmk4	23_19.rawmk4
18_22.rawmk4	19_43.rawmk4	20_54.rawmk4	22_08.rawmk4	23_22.rawmk4
18_25.rawmk4	19_46.rawmk4	20_57.rawmk4	22_11.rawmk4	23_25.rawmk4
18_28.rawmk4	19_49.rawmk4	21_00.rawmk4	22_14.rawmk4	23_28.rawmk4
18_31.rawmk4	19_52.rawmk4	21_03.rawmk4	22_17.rawmk4	23_31.rawmk4
18_34.rawmk4	19_55.rawmk4	21_05.rawmk4	22_20.rawmk4	23_34.rawmk4
18_37.rawmk4	19_58.rawmk4	21_08.rawmk4	22_23.rawmk4	23_37.rawmk4
18_40.rawmk4	20_01.rawmk4	21_11.rawmk4	22_26.rawmk4	23_40.rawmk4
18_46.rawmk4	20_04.rawmk4	21_14.rawmk4	22_29.rawmk4	23_43.rawmk4
18_52.rawmk4	20_07.rawmk4	21_17.rawmk4	22_31.rawmk4	23_46.rawmk4
18_58.rawmk4	20_10.rawmk4	21_23.rawmk4	22_34.rawmk4	23_49.rawmk4
19_02.rawmk4	20_13.rawmk4	21_27.rawmk4	22_37.rawmk4	23_52.rawmk4
19_05.rawmk4	20_16.rawmk4	21_30.rawmk4	22_40.rawmk4	23_55.rawmk4
19_08.rawmk4	20_18.rawmk4	21_33.rawmk4	22_43.rawmk4	c18_43.rawmk4
19_11.rawmk4	20_21.rawmk4	21_36.rawmk4	22_46.rawmk4	c18_49.rawmk4
19_14.rawmk4	20_24.rawmk4	21_39.rawmk4	22_49.rawmk4	c18_55.rawmk4